

ELECTRIC FURNACE

HEATING AND COOLING PERFORMANCE AND ELECTRICAL DATA

MODEL	HEAT KIT	PERFORMANCE DATA				ELECTRICAL DATA				
		NOMINAL COOLING (BTUS)	HEATING (KW)		HEATING (KBTUH)		MINIMUM CIRCUIT AMPACITY (MCA)		MAX BREAKER OR FUSE SIZE	
			208V	240V	208V	240V	208V	240V	208V	240V
AEN	F(C,T)S00	24,000 - 60,000	0	0	0	0	6.8	6.8	15	15
	F(C,T)S03		2.3	3	7.8	10.2	20.3	22.4	25	25
	F(C,T)S05		3.6	4.8	12.6	16.4	28.4	31.8	30	35
	F(C,T)S08		6	8	20.4	27.3	42.8	48.4	45	50
	F(C,T)S10		7.2	9.6	24.5	32.8	50	56.8	50	60
	F(C,T)S15		11.3	14.4	38.5	49.1	50/21.6	56.8/25	50/25	60/25
	F(C,T)S20		14.4	19.2	49.1	65.5	50/43.3	56.8/50	50/45	60/50

BLOWER DATA

MODEL	SPEED TAP	MOTOR HP	MOTOR AMPS	MOTOR VOLTAGE	CFM V. EXTERNAL STATIC*				
					0.10	0.20	0.30	0.40	0.50
					AEN	T1	3/4	5.4	240
T2	1155	1070	1015	950		885			
T3	1375	1305	1255	1180		1127			
T4	1500	1430	1375	1315		1260			
T5	1850	1800	1760	1710		1650			

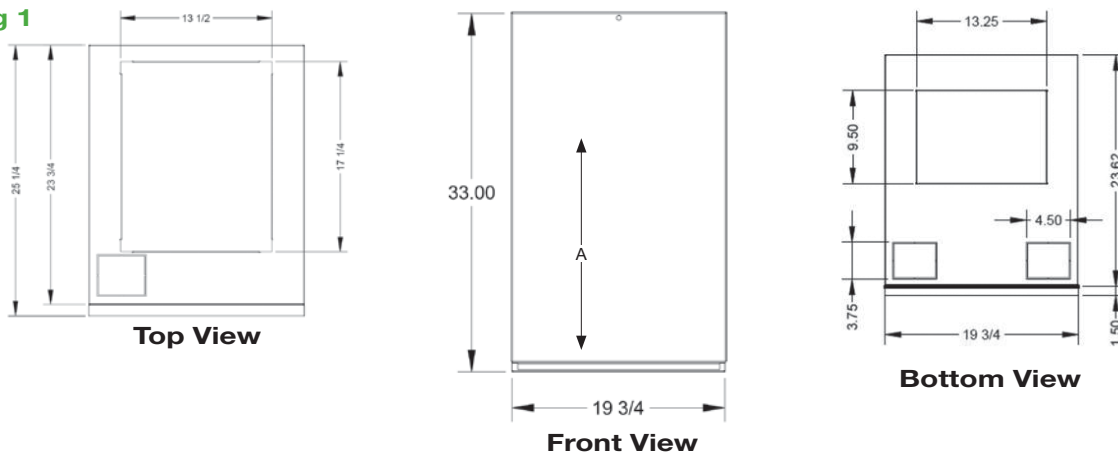
AIR HANDLER CHASSIS NOMENCLATURE

AEN	-001
AEN = 240V Constant torque ECM Manufactured Housing Electric Furnace	Option Code

ELECTRIC HEAT KIT NOMENCLATURE

F	C	L	03
Electric Heat	Interruption C = Circuit Breaker T = Terminal Block P = Circuit Breaker w/ Single Point 3 = 3-Phase Circuit Breaker 4 = 3-Phase Terminal Block	L	Heat Strip 00 = 0 KW 03 = 3 KW 05 = 5 KW 08 = 8 KW 10 = 10 KW 15 = 15 KW 20 = 20 KW

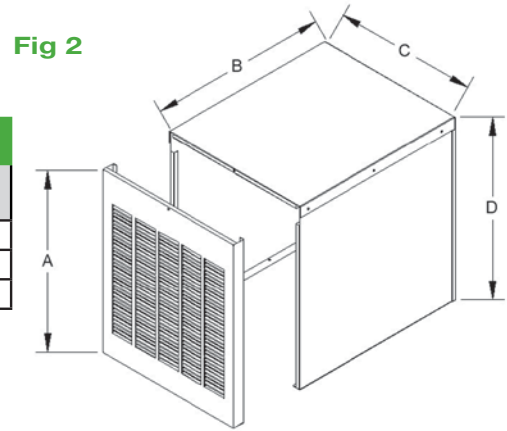
Fig 1



COIL BOXES AND ACCESSORIES

DOWNFLOW COIL BOX CABINET DIMENSIONS (Fig 2)

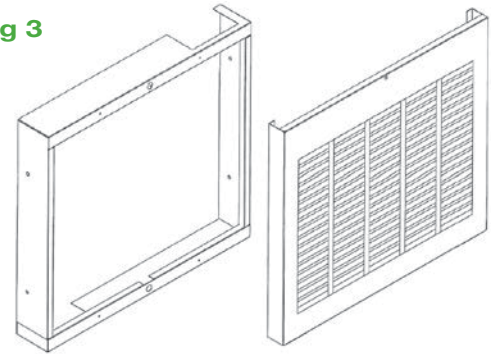
PANEL MODEL	FOR USE WITH	A	B	C	D
MAD-01(L)	AEN	18	23-1/2	19-3/4	18
MAD-02(L)	AEN	24			24
MAD-03(L)	AEN	36			36



TOP GRILLE AND FRAME KIT DIMENSIONS (Fig 3)

PANEL MODEL	FOR USE WITH	A	B
MAD-04(L)	AEN	24	19-3/4

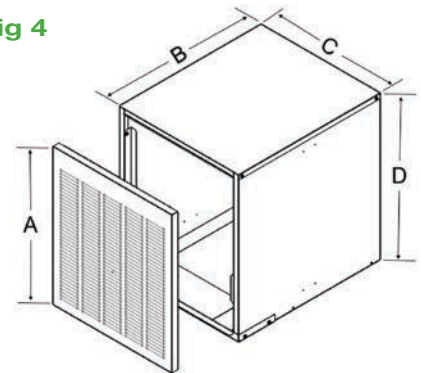
Fig 3



UPFLOW/DOWNFLOW COIL BOX CABINET DIMENSIONS (FIG 4)

MODEL	APPLICATION	A	B	C	D
MAD-07	DOWNFLOW (FRONT RETURN) COIL CABINET	24	23-1/2	19-3/4	24
MAD-08	UPFLOW (BOTTOM RETURN) COIL CABINET				
MAD-09	DOWNFLOW (TOP RETURN) COIL CABINET				

Fig 4



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